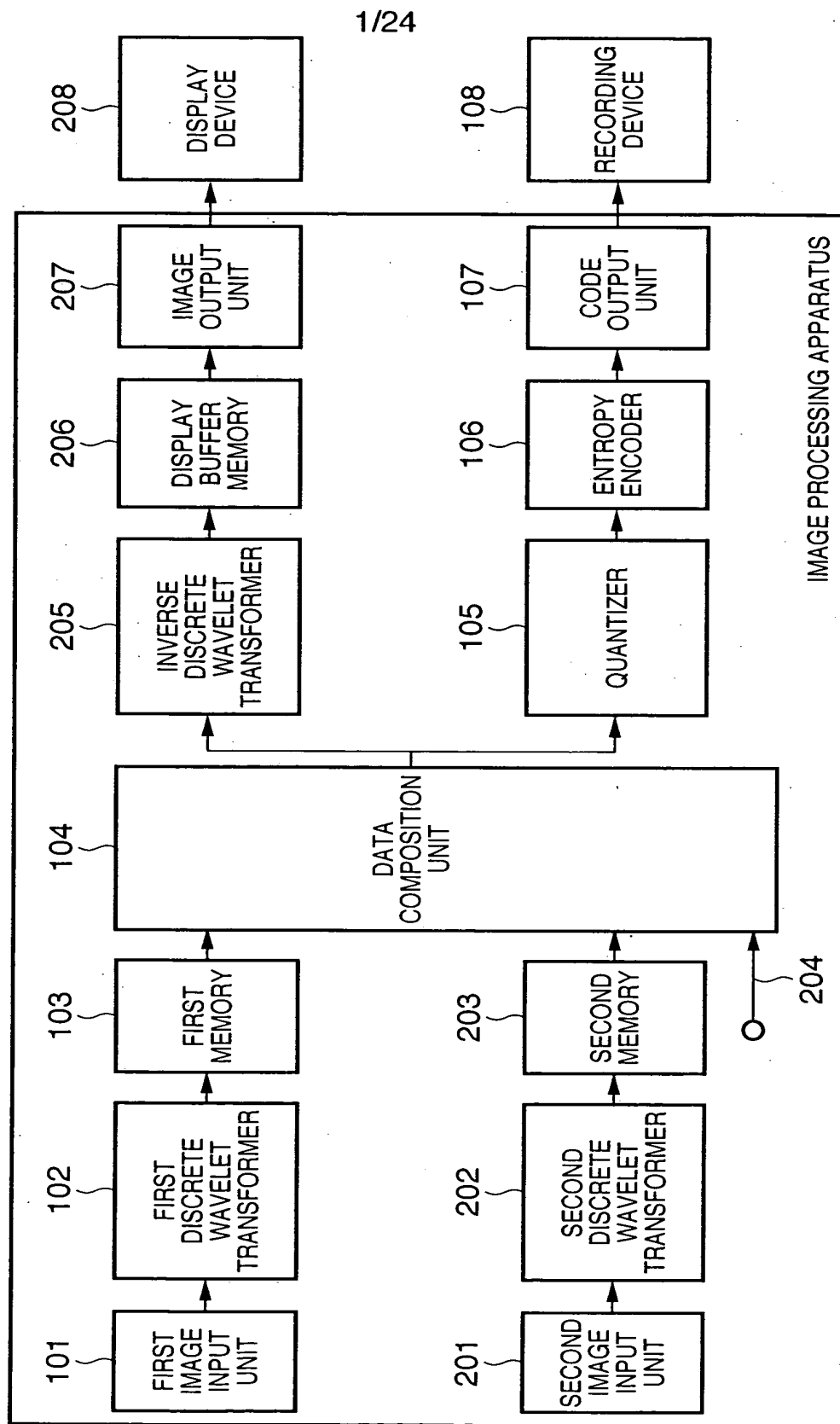


FIG. 1



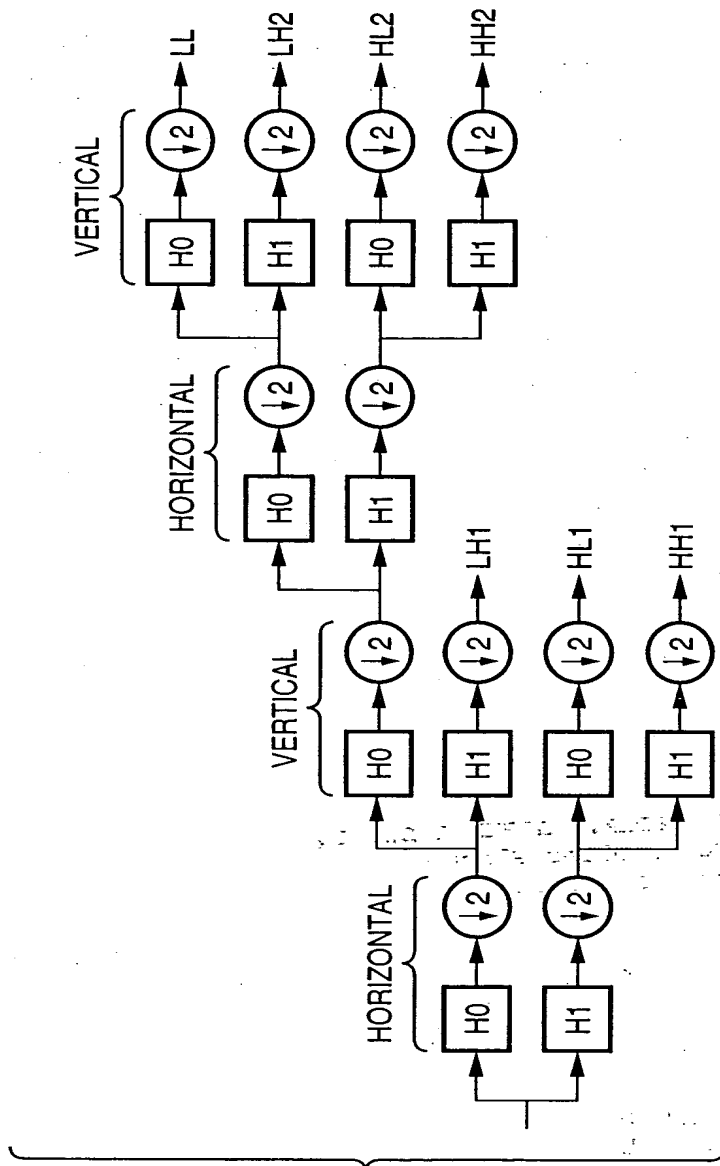


FIG. 2A

LL	HL2	HL1	HH1
LH2	HH2	LH1	HH1

FIG. 2B

FIG. 3

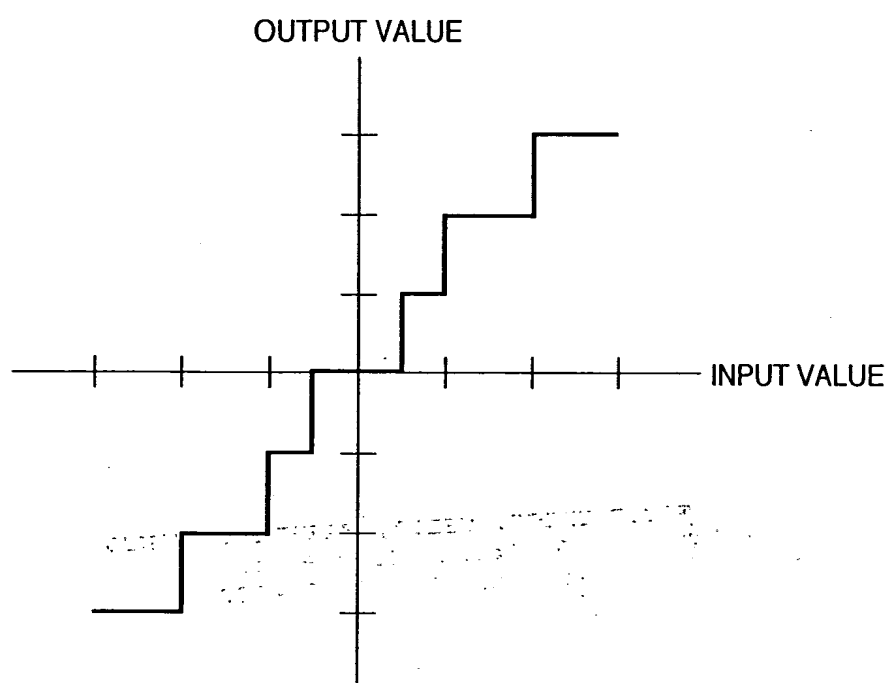


FIG. 4

FIG. 4 is a schematic diagram of a system for providing a user with a graphical representation of a data set. The system includes a user interface 400, a data source 410, and a processing unit 420. The user interface 400 is configured to receive input from the user and to display the graphical representation of the data set. The data source 410 is configured to provide the data set to the processing unit 420. The processing unit 420 is configured to process the data set and to generate the graphical representation of the data set.

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FIG. 5A

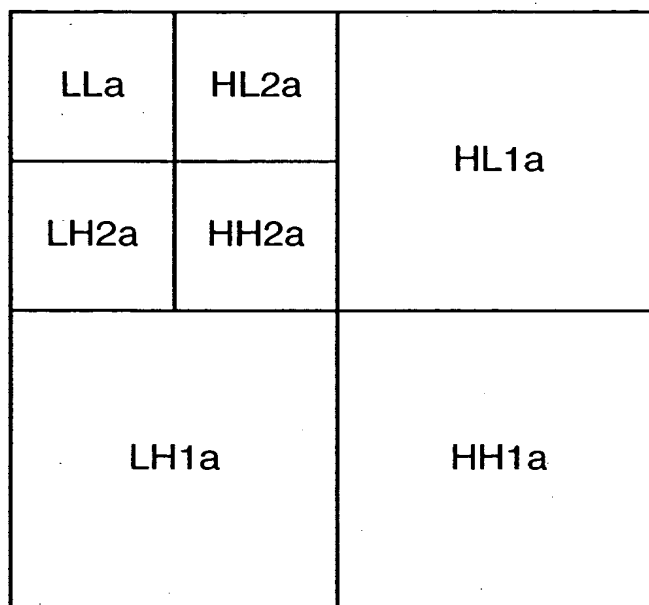


FIG. 5B

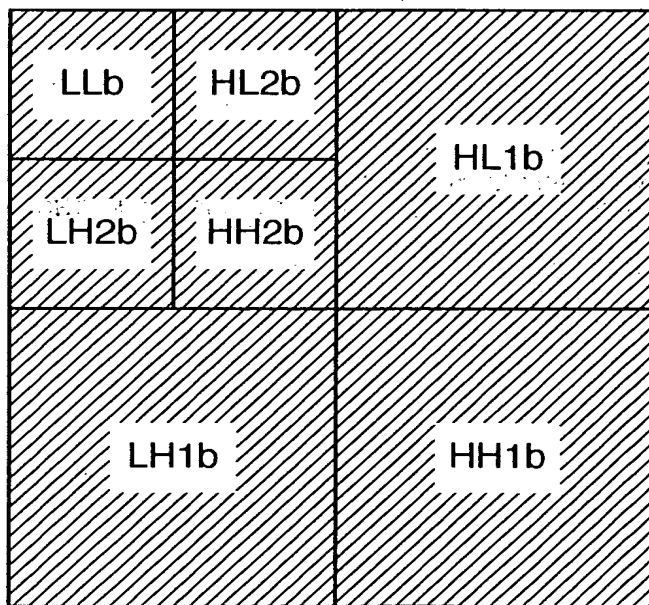
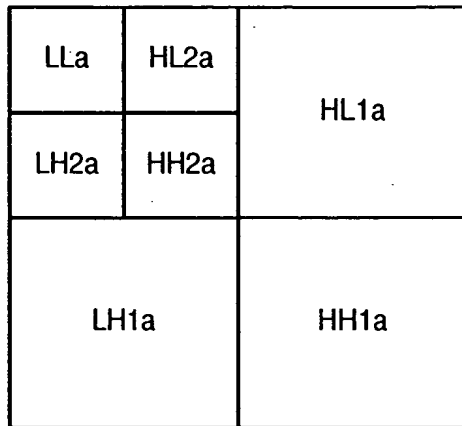
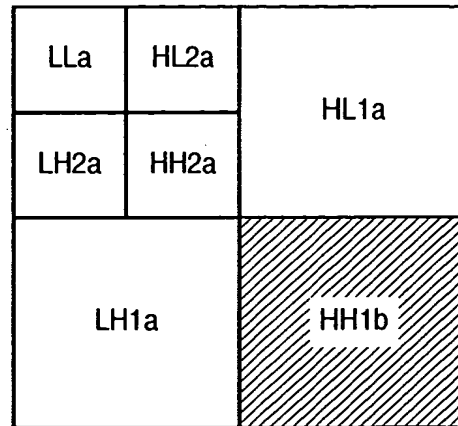
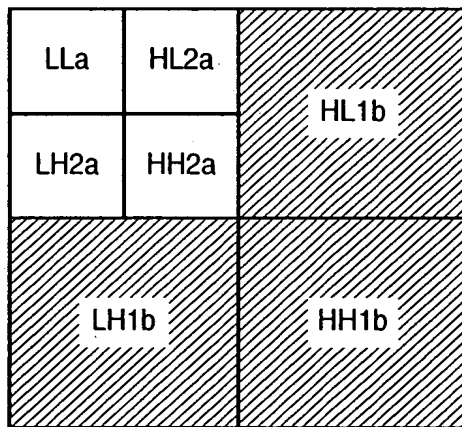


FIG. 6A

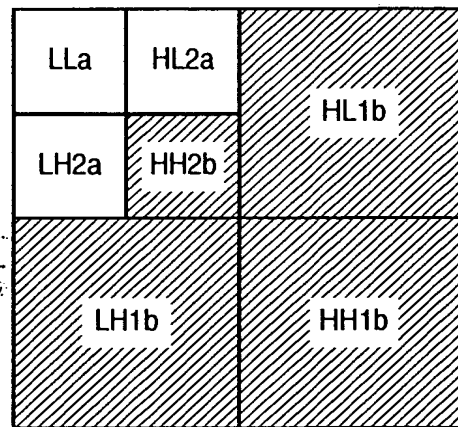
START OF SWITCHING

FIG. 6B

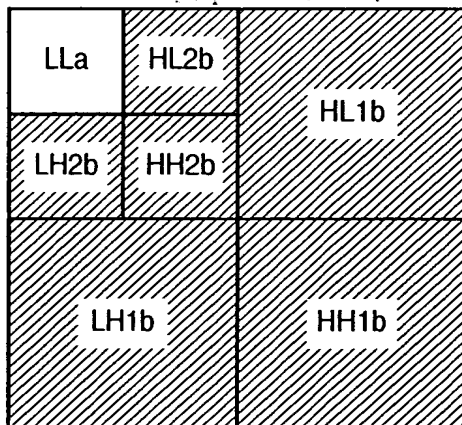
1ST TO 30TH FRAMES

FIG. 6C

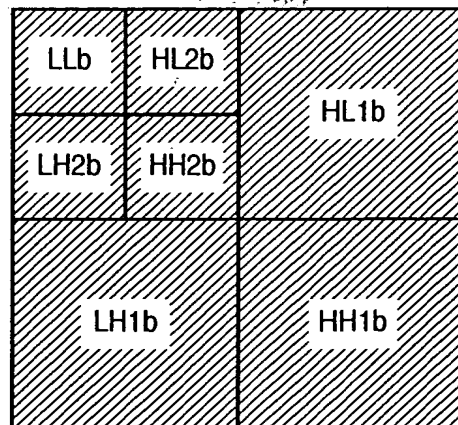
31ST TO 60TH FRAMES

FIG. 6D

61ST TO 90TH FRAMES

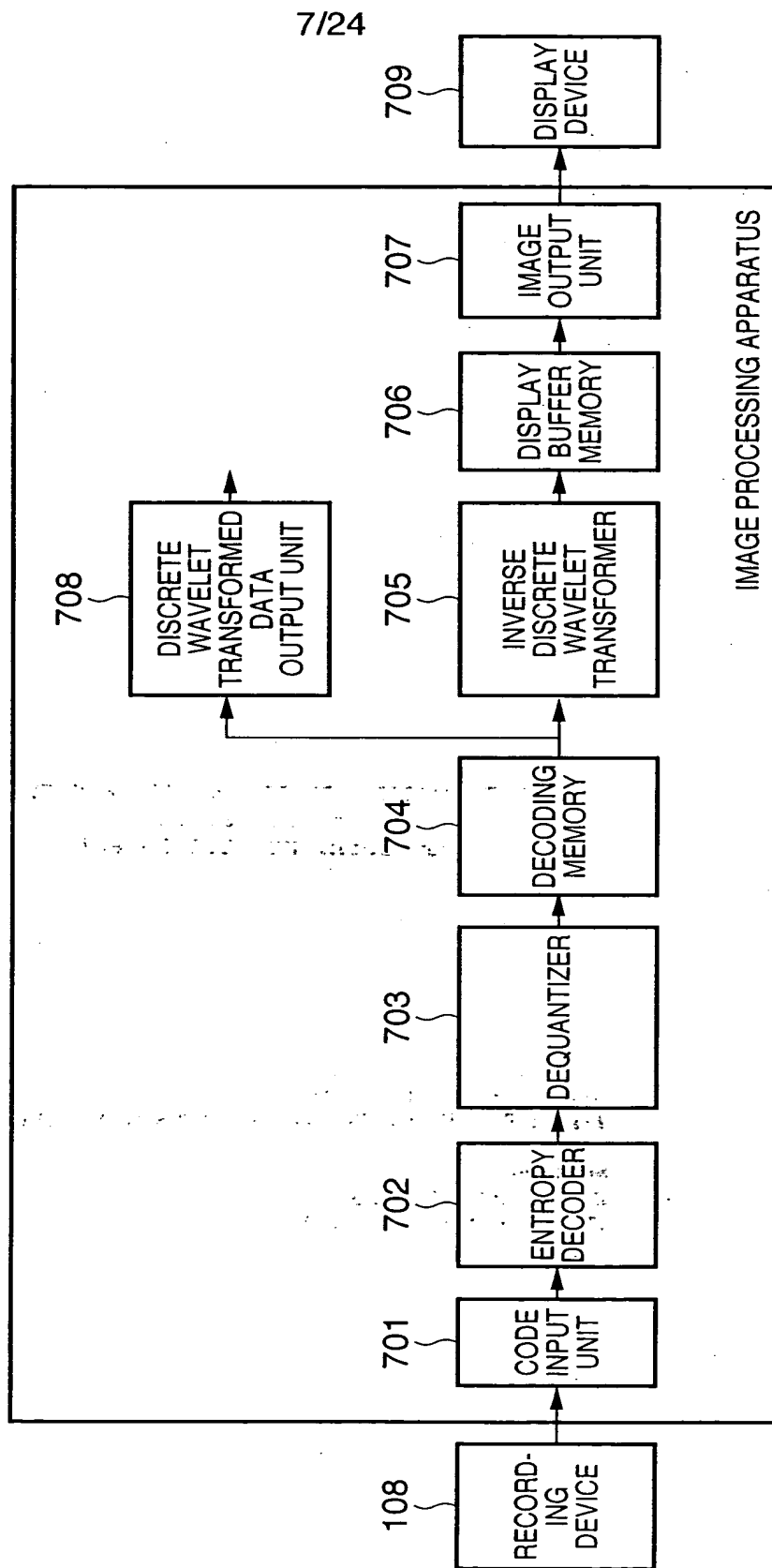
FIG. 6E

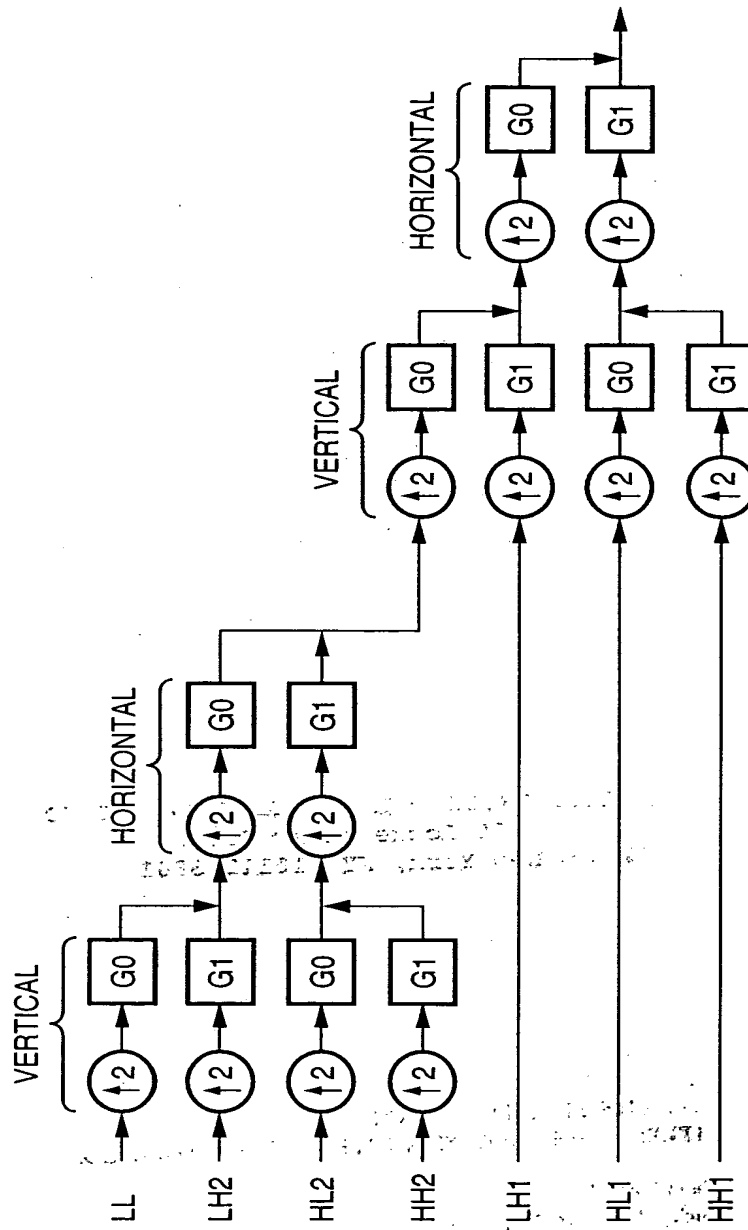
91ST TO 120TH FRAMES

FIG. 6F

END OF SWITCHING

FIG. 7



**FIG. 8**

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FIG. 9

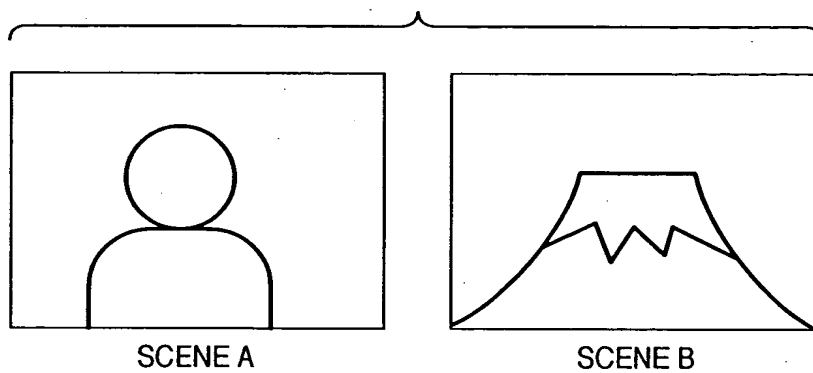


FIG. 10

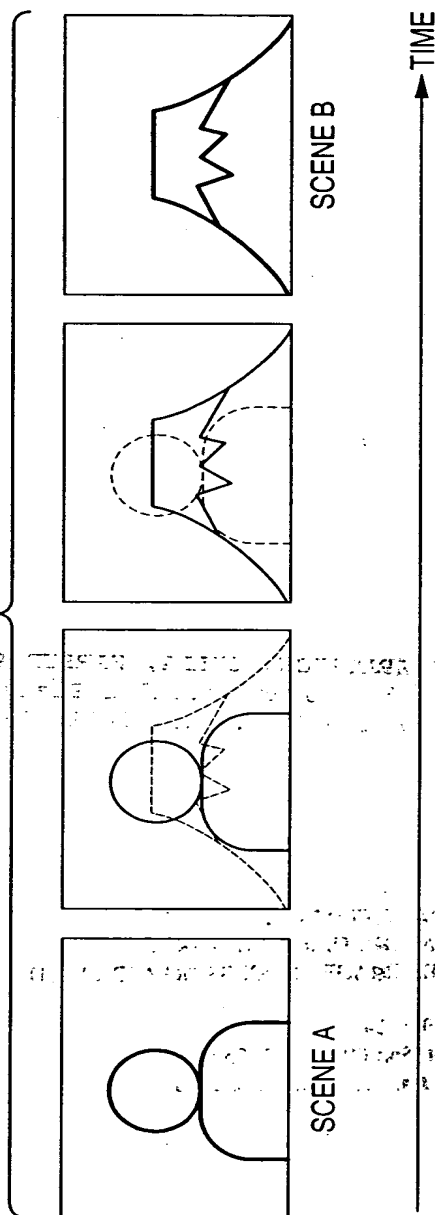
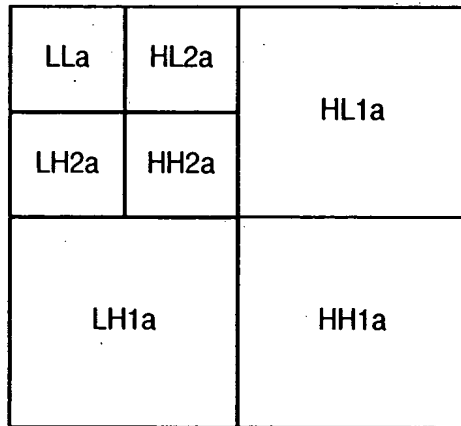
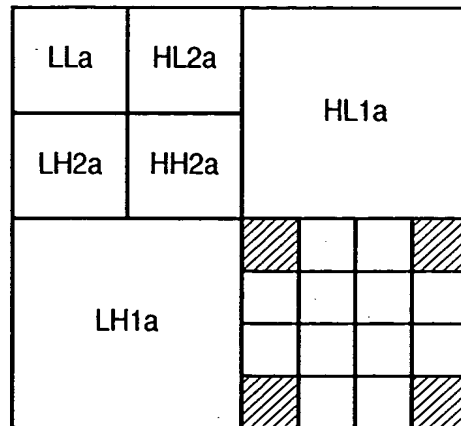
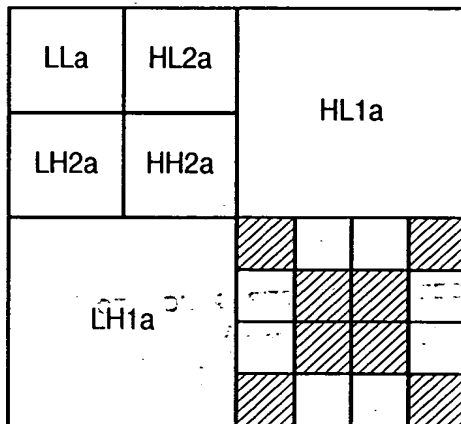


FIG. 11A

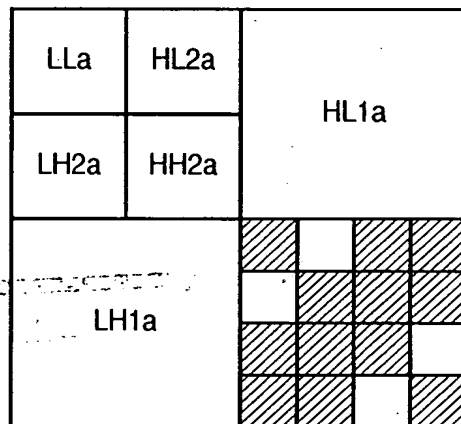
START OF SWITCHING

FIG. 11B

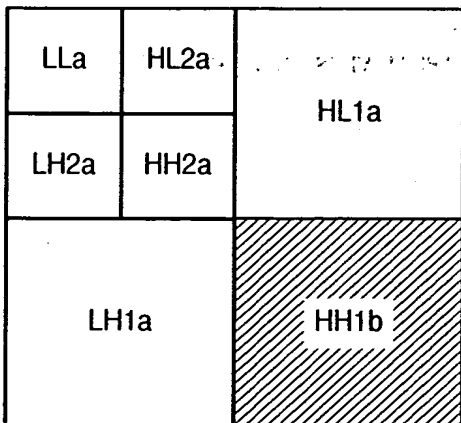
1ST TO 8TH FRAMES

FIG. 11C

9TH TO 16TH FRAMES

FIG. 11D

17TH TO 24TH FRAMES

FIG. 11E

25TH TO 32ND FRAMES



FIG. 12A

LLa	HL2a	HL1a
LH2a	HH2a	
LH1a		HH1a

START OF SWITCHING

FIG. 12B

LLa	HL2a	HL1a
LH2a	HH2a	
LH1a		$\begin{aligned} &HH1a \times 0.7 \\ &+ \\ &HH1b \times 0.3 \end{aligned}$

1ST TO 8TH FRAMES

FIG. 12C

LLa	HL2a	HL1a
LH2a	HH2a	
LH1a		$\begin{aligned} &HH1a \times 0.5 \\ &+ \\ &HH1b \times 0.5 \end{aligned}$

9TH TO 16TH FRAMES

FIG. 12D

LLa	HL2a	HL1a
LH2a	HH2a	
LH1a		$\begin{aligned} &HH1a \times 0.3 \\ &+ \\ &HH1b \times 0.7 \end{aligned}$

17TH TO 24TH FRAMES

FIG. 12E

LLa	HL2a	HL1a
LH2a	HH2a	
LH1a		HH1b

25TH TO 32ND FRAMES

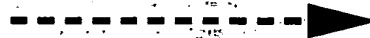


FIG. 13

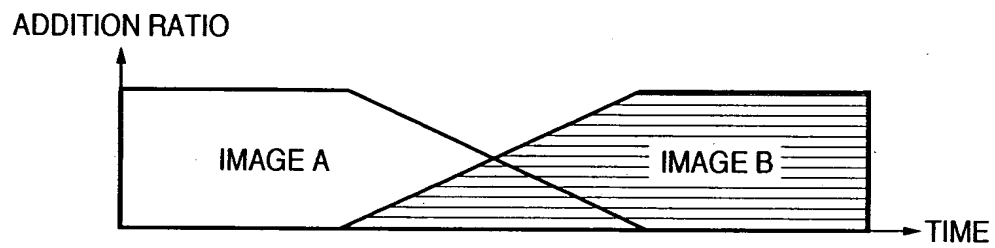


FIG. 14

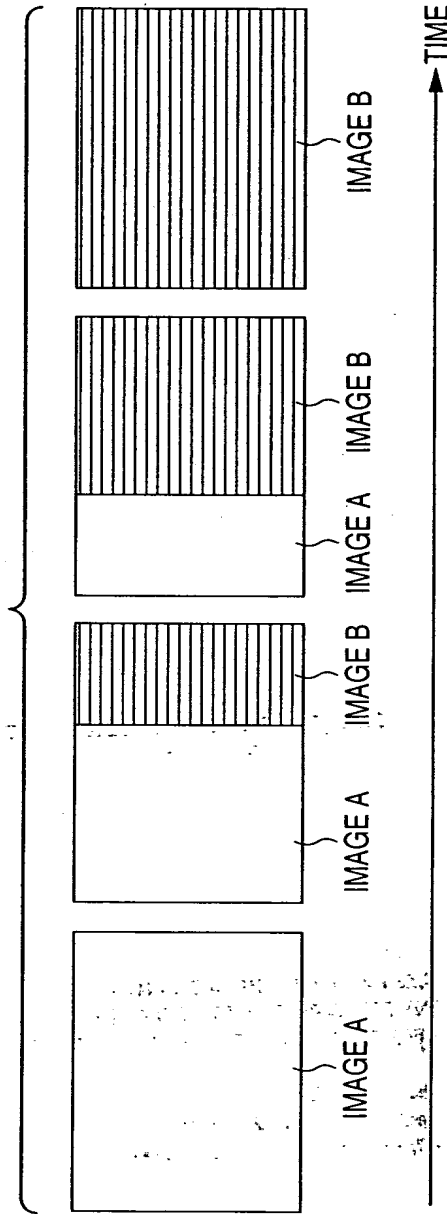


FIG. 15

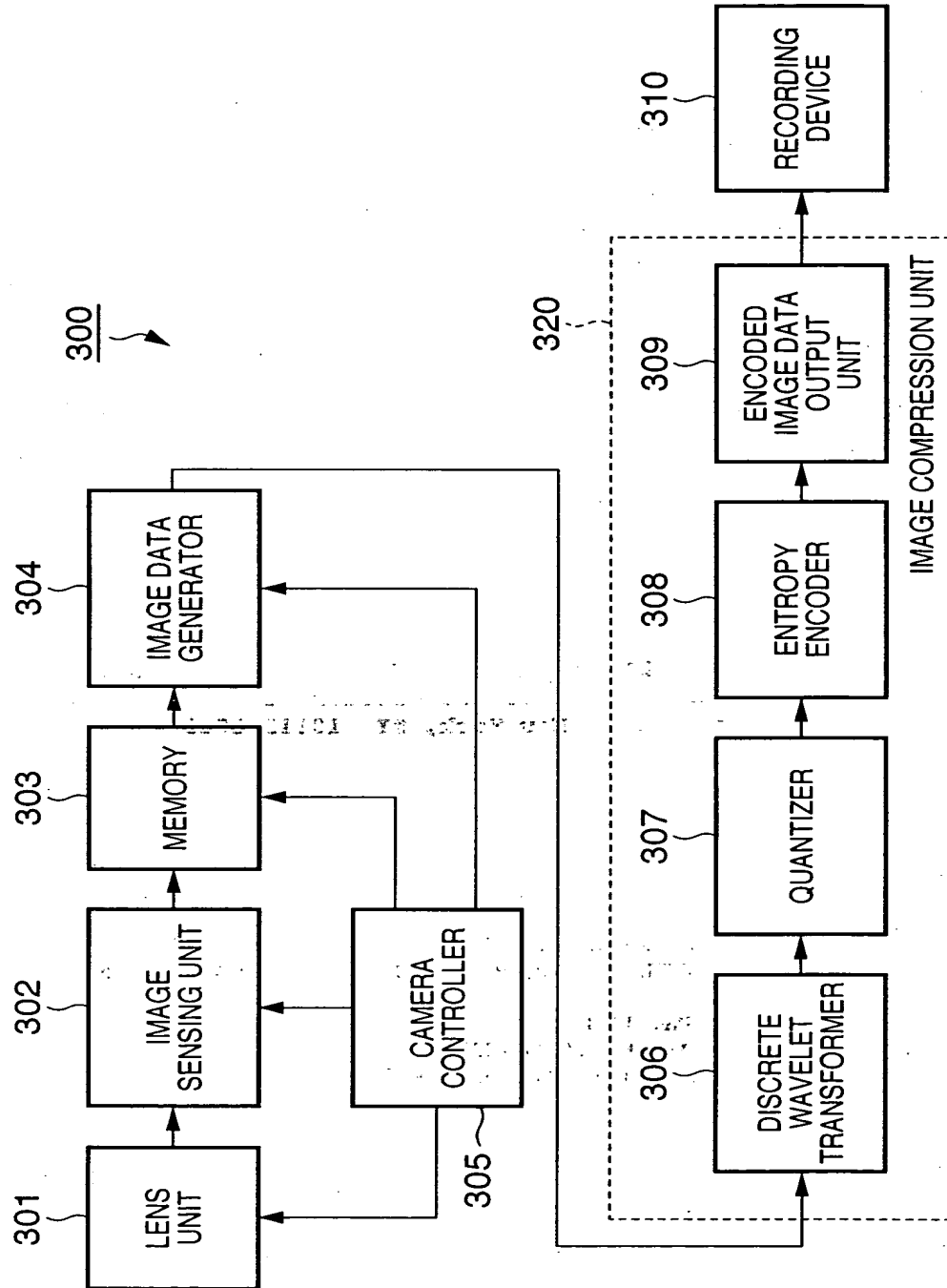


FIG. 16

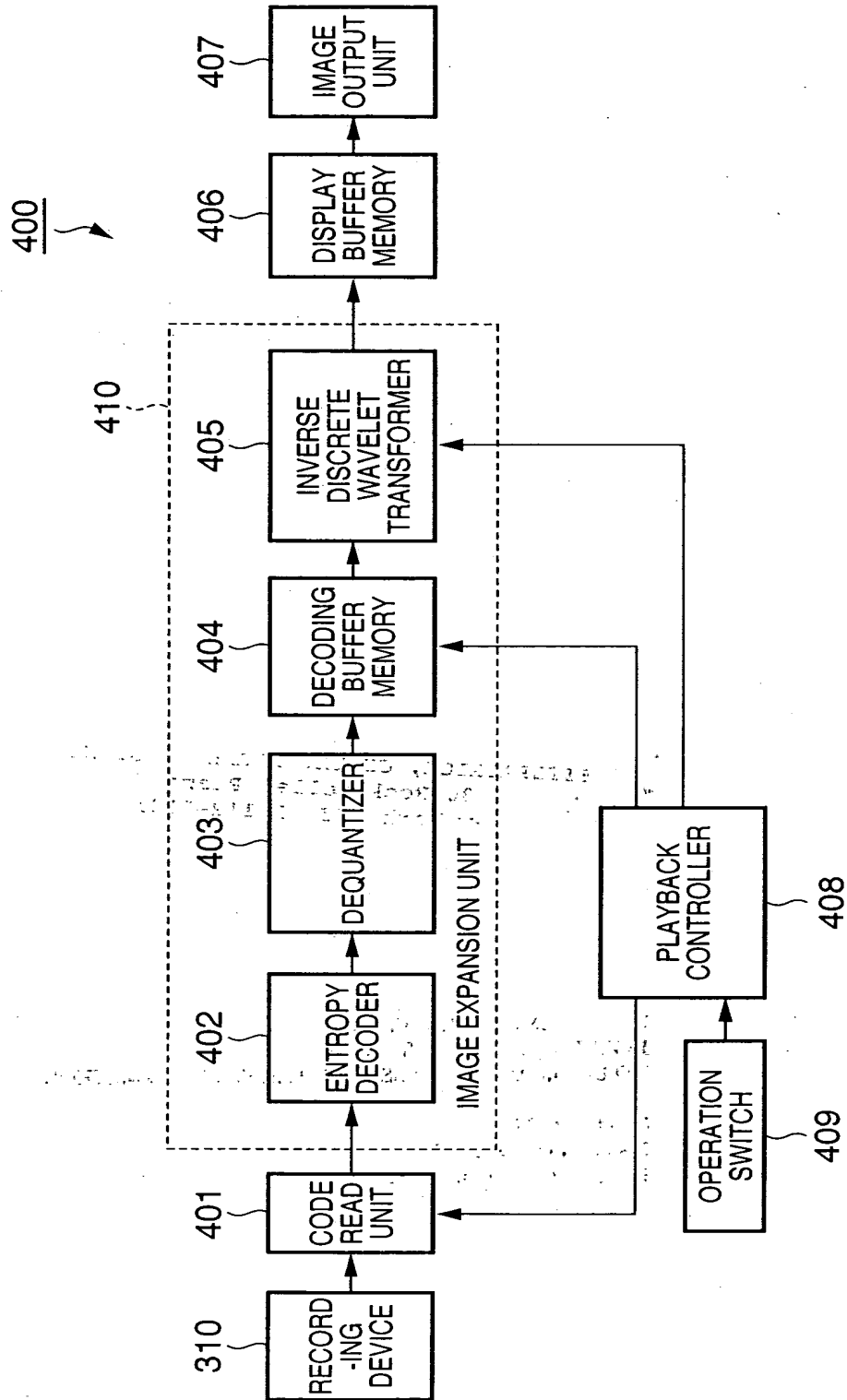
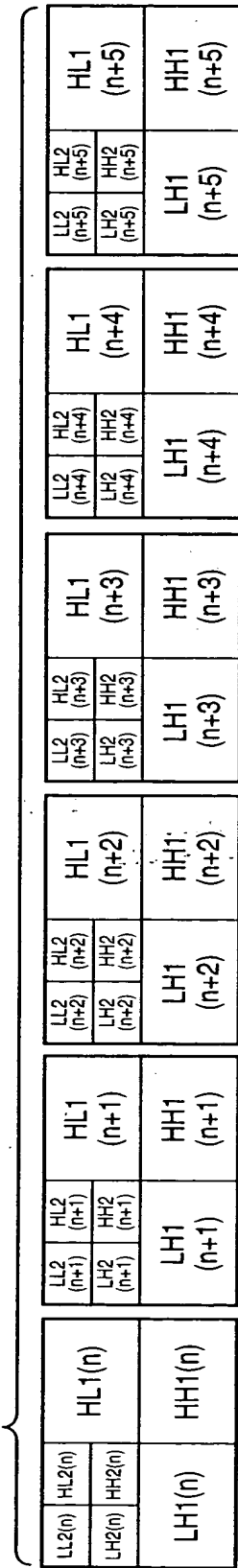


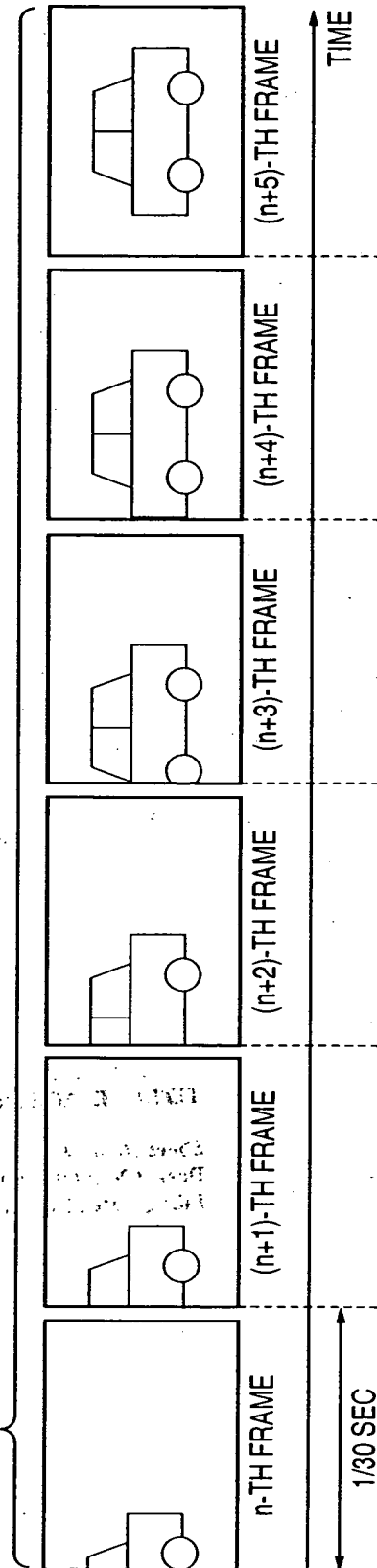
FIG. 17A



↓ DECODE ↓ DECODE ↓ DECODE ↓ DECODE ↓ DECODE

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FIG. 17B



↓ DECODE ↓ DECODE ↓ DECODE ↓ DECODE ↓ DECODE

1/30 SEC

TIME

FIG. 19A

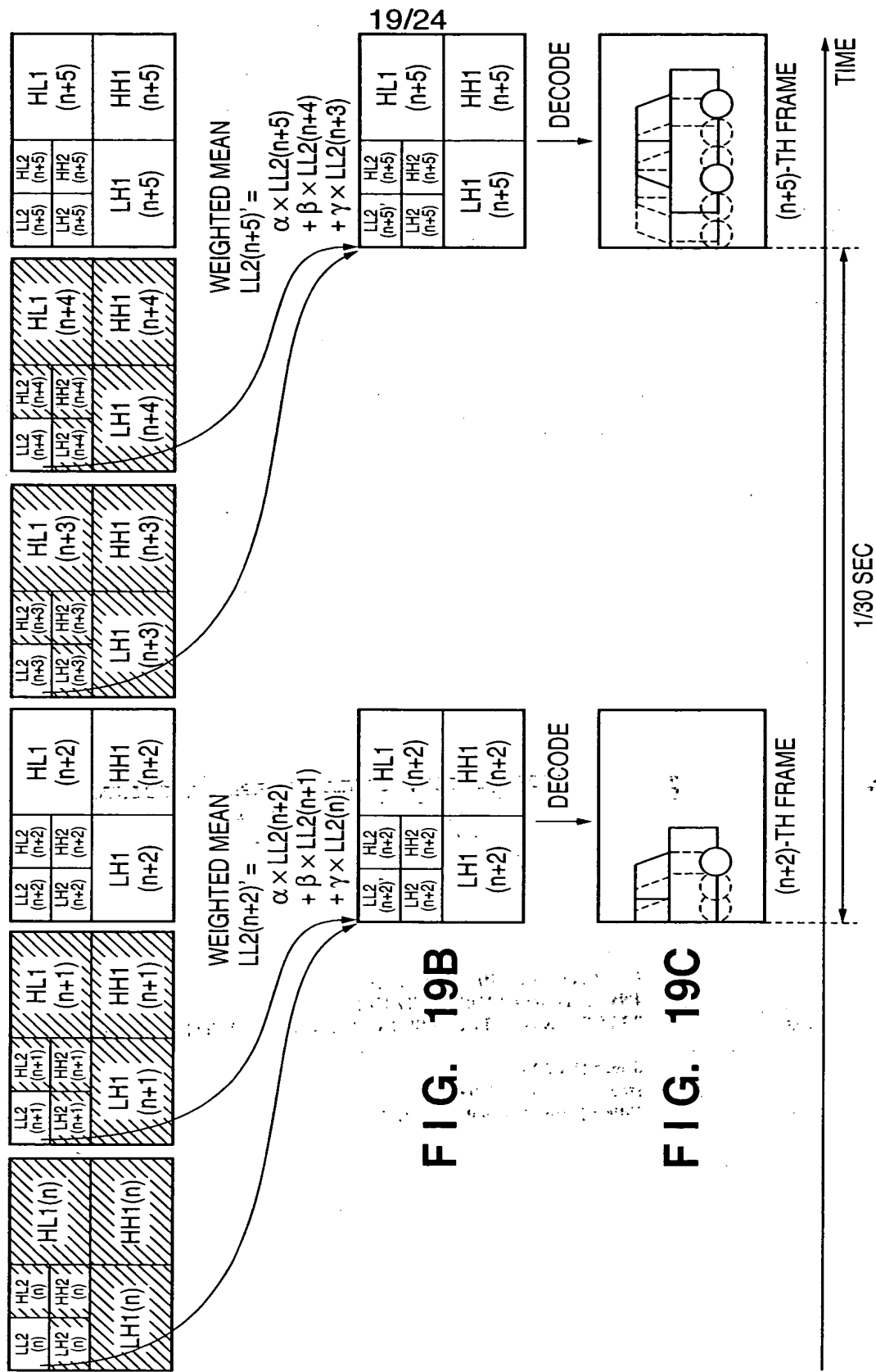
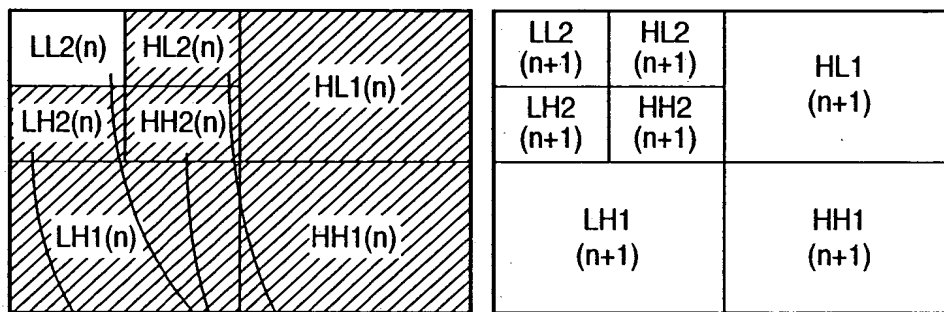


FIG. 19B

FIG. 19C

FIG. 20A

WEIGHTED MEAN

$$\begin{aligned} \rightarrow LL2(n+1)' &= \alpha \times LL2(n+1) + \beta \times LL2(n) \\ \rightarrow HL2(n+1)' &= \alpha \times HL2(n+1) + \beta \times HL2(n) \\ \rightarrow LH2(n+1)' &= \alpha \times LH2(n+1) + \beta \times LH2(n) \\ \rightarrow HH2(n+1)' &= \alpha \times HH2(n+1) + \beta \times HH2(n) \end{aligned}$$

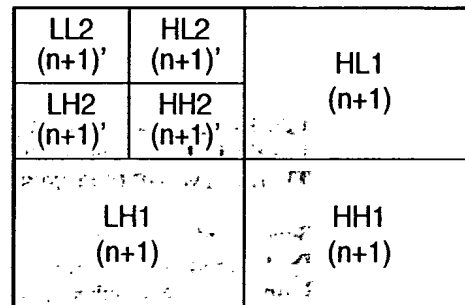
FIG. 20B

FIG. 21A

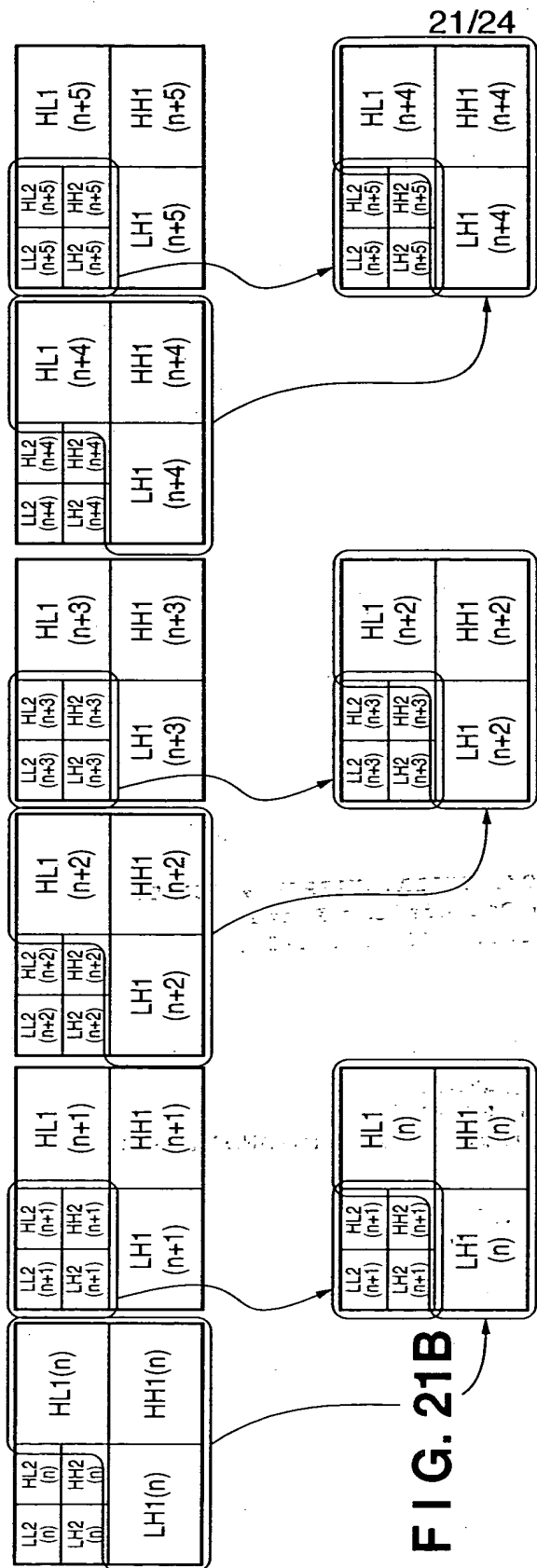


FIG. 21B

DECODE

DECODE

DECODE

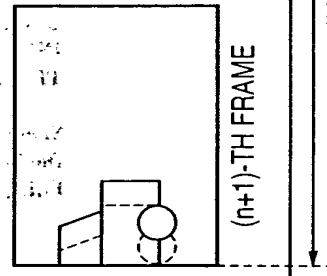
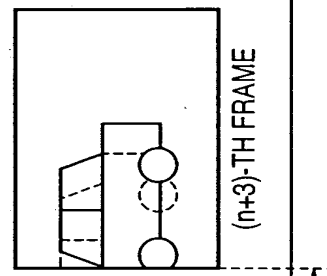
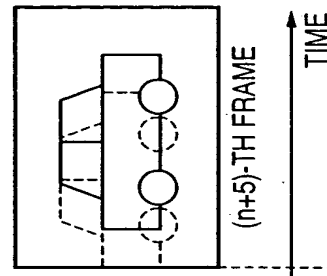


FIG. 21C

TIME

1/30 SEC

FIG. 23

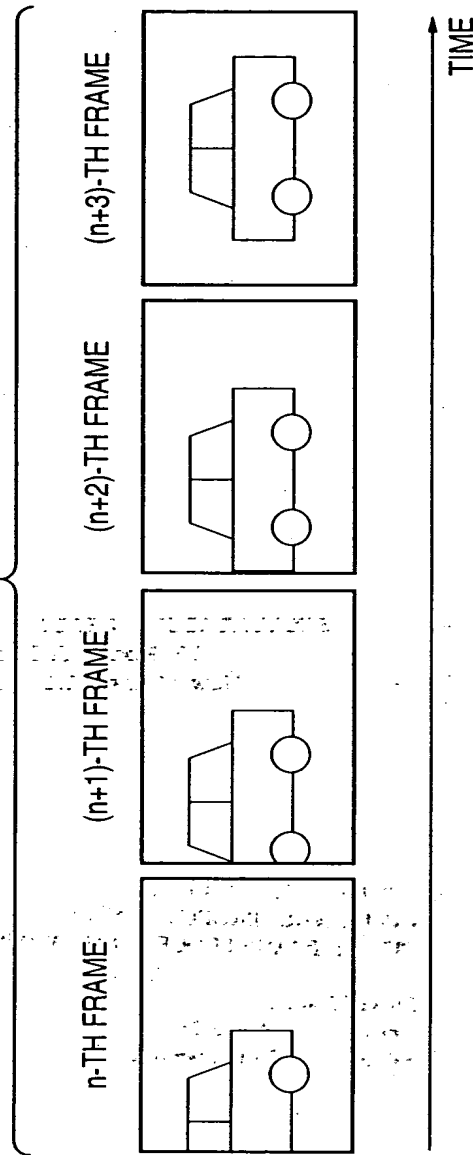


FIG. 24

